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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/619,555	07/19/2000	Thomas Richard Haynes	RSW9-2000-0016US1	2052
25259	7590	12/22/2003	EXAMINER	
IBM CORPORATION			CHUONG, TRUC T	
3039 CORNWALLIS RD.			ART UNIT	
DEPT. T81 / B503, PO BOX 12195			PAPER NUMBER	
REASEARCH TRIANGLE PARK, NC 27709			2174	8
DATE MAILED: 12/22/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

PL4

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/619,555	HAYNES, THOMAS RICHARD
Examiner	Art Unit	
Truc T Chuong	2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1)  Responsive to communication(s) filed on 05 September 2003.
- 2a)  This action is FINAL.                                    2b)  This action is non-final.
- 3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4)  Claim(s) 1-18 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5)  Claim(s) \_\_\_\_\_ is/are allowed.
- 6)  Claim(s) 1-18 is/are rejected.
- 7)  Claim(s) \_\_\_\_\_ is/are objected to.
- 8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9)  The specification is objected to by the Examiner.
- 10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All b)  Some \* c)  None of:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 13)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
  - a)  The translation of the foreign language provisional application has been received.
- 14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____	6) <input type="checkbox"/> Other: _____

## **DETAILED ACTION**

1. This communication is responsive to Amendment B, filed 09/05/03.
2. Claims 1-18 are pending in this application. Claims 1, 7, and 13 are independent claims.

In Amendment B, claims 1, 7, and 13 are amended. This action is made final.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2, 4-8, 10-14, and 16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over by Internet Explorer Screen Capture (“Screen Capture”, Figures 1-5) in view of Downs et al. (U.S. Patent No. 6,070,176).

As to claim 1, based on claim language, Screen Capture teaches a method of logically navigating within a web site, comprising the steps of:

installing a direction indicator relative to reference link shown on a page within the web site (a tool tip 1 of fig. 2 shows a movement when hovering a pointing device over Backward icon 2 within an Internet Explorer Browser Web site);

according to Screen Capture, the tool tips show surfacing said direction indicator prior to selection of said reference link in order to inform the user whether said link is logically forward or backward within said web site as mentioned above (and tool tip 2 of

fig. 3), which provides "Backward" and "Forward" buttons (element 2 of fig. 2 and element 3 of fig. 3) from Internet Explorer Browser (figs. 2-3). However, Screen Capture does not clearly show that the web site is a document on web site or a multi-page HTML document. Downs clearly provides document web pages with number of hypertext links in a web document (col. 3 lines 3-53). It would have been obvious at the time of the invention that a person with ordinary skill in the art would want to modify the Web documents with hypertext links of Downs into the Screen Capture web page to provide additional information relating to those Web sites (Abstract).

As to claim 2, Screen Capture teaches a direction indicator is an arrow (Arrows of Backward and Forward buttons, elements 2 and 3 of figs. 2-3).

As to claim 4, Screen Capture teaches step of surfacing said direction indicator comprising hovering a pointing device over said link. This is individually similar in scope to claim 1 because "prior to selection of said link" (as mentioned in claim 1 above) means before mouse click to make a selection of the link.

As to claim 5, Screen Capture teaches a toggle capability to only allow an indicator in one direction (Only show Backward button 4 of fig. 4).

As to claim 6, Screen Capture inherently teaches the step of extending an HTML tag language by addition of an attribute for an HTML BODY tag because of any HTML source code in order to operate expressing a current status of an event (or the movement backward/forward as mentioned in claims 1-2, 3-5 above) must have in the HTML source code a tag (or a function call, a procedure, a parameter, etc.) to detect a change to that indicator based on structure of each Web site link.

As to claims 7, 8, and 10-12, they are system claims of method claims 1, 2, and 4-6. Note the rejections of claims 1, 2, and 4-6 above respectively.

As to claims 13, 14, and 16-18, they are program product claims of method claims 1, 2, and 4-6. Note the rejections of claims 1, 2, and 4-6 above respectively.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 3, 9, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Internet Explorer Screen Capture ("Screen Capture", Figures 1-5) in view of Downs et al. (U.S. Patent No. 6,070,176) as applied to claims 1-2, 4-8, 10-14, and 16-18 above, and further in view of Bates et al. (U.S. Patent No. 5,877,766).

As to claim 3, based on claim language, Screen Capture in view of document web sites with links of Downs teach that directions are bi-directional and predetermined prior to selection of link (see claim 1 above) and the arrows to show directions (see claim 2 above) but Screen Capture in view of the document web sites with links of Downs do not show the arrow points upward to indicate movement backward and said arrow points downward to indicate movement forward within the web site. However, Bates clearly demonstrates these features in his invention (e.g., 45 or 90 degree, col. 10 lines 46-56). It would have been obvious at the time of the invention that a person with ordinary skill in the art would want to have this highly desirable

direction indicator of Bates's navigation web structure into Screen Capture's arrow indicators in view of the document web sites with links of Downs to enhance visualization based on different screen layouts, or display setups of a user.

As to claim 9, this is a system claim of method claim 3. Note the rejection of claim 3 above.

As to claim 15, this is a program product claim of method claim 3. Note the rejection of claim 3 above.

***Response to Arguments***

7. Applicant's arguments with respect to claims 1-18 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Wecker (U.S. Patent No. 5,806,077) teaches web document links, indicators, and movement (cols. 2-5, and figs. 2-3).

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO**

MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T Chuong whose telephone number is 703-305-5753. The examiner can normally be reached on M-Th and alternate Fridays 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on 703-308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Truc T. Chuong

12/12/03

*Kristine Kincaid*  
KRISTINE KINCAID  
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